

FIG. 1

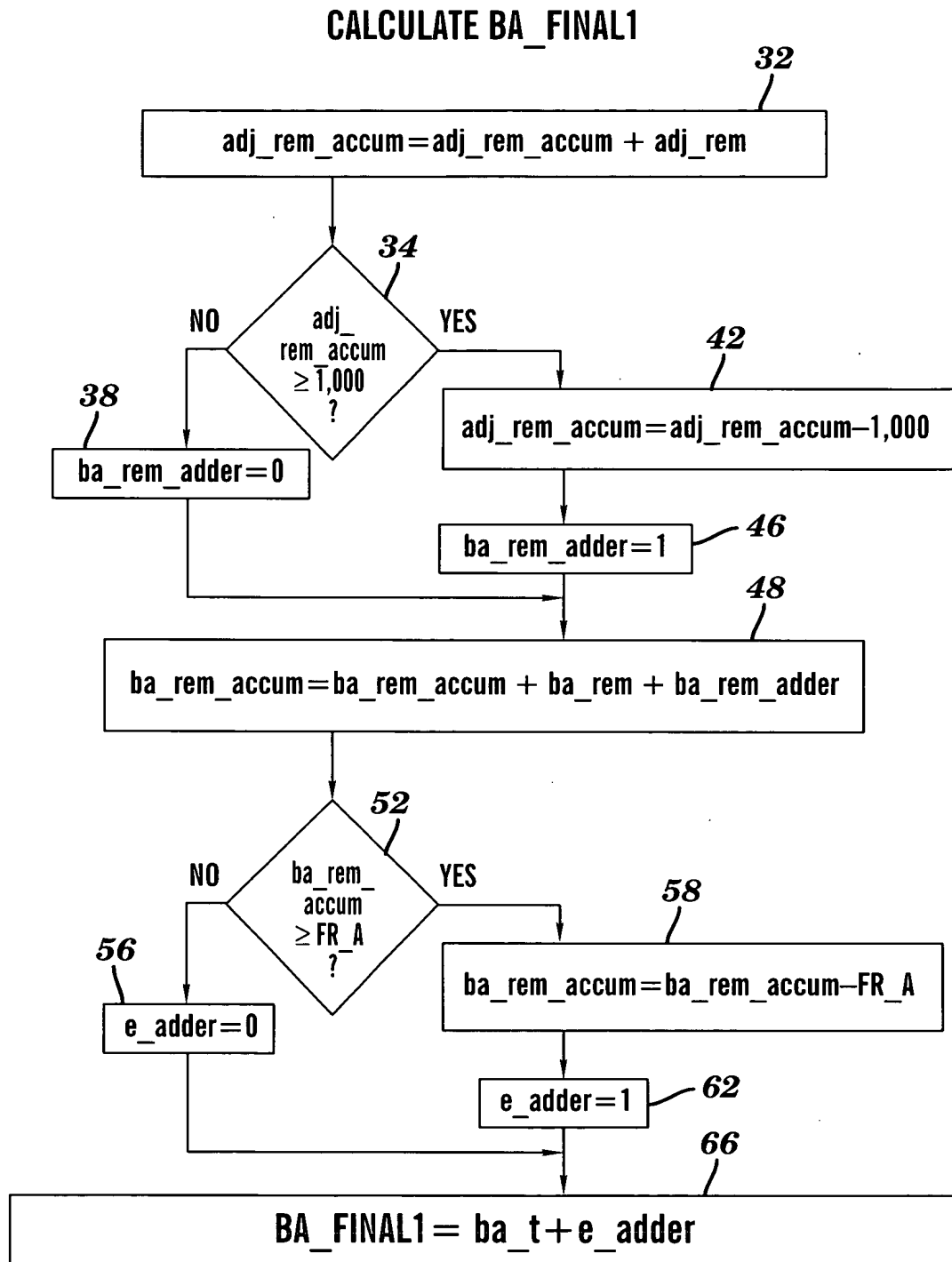


FIG. 2

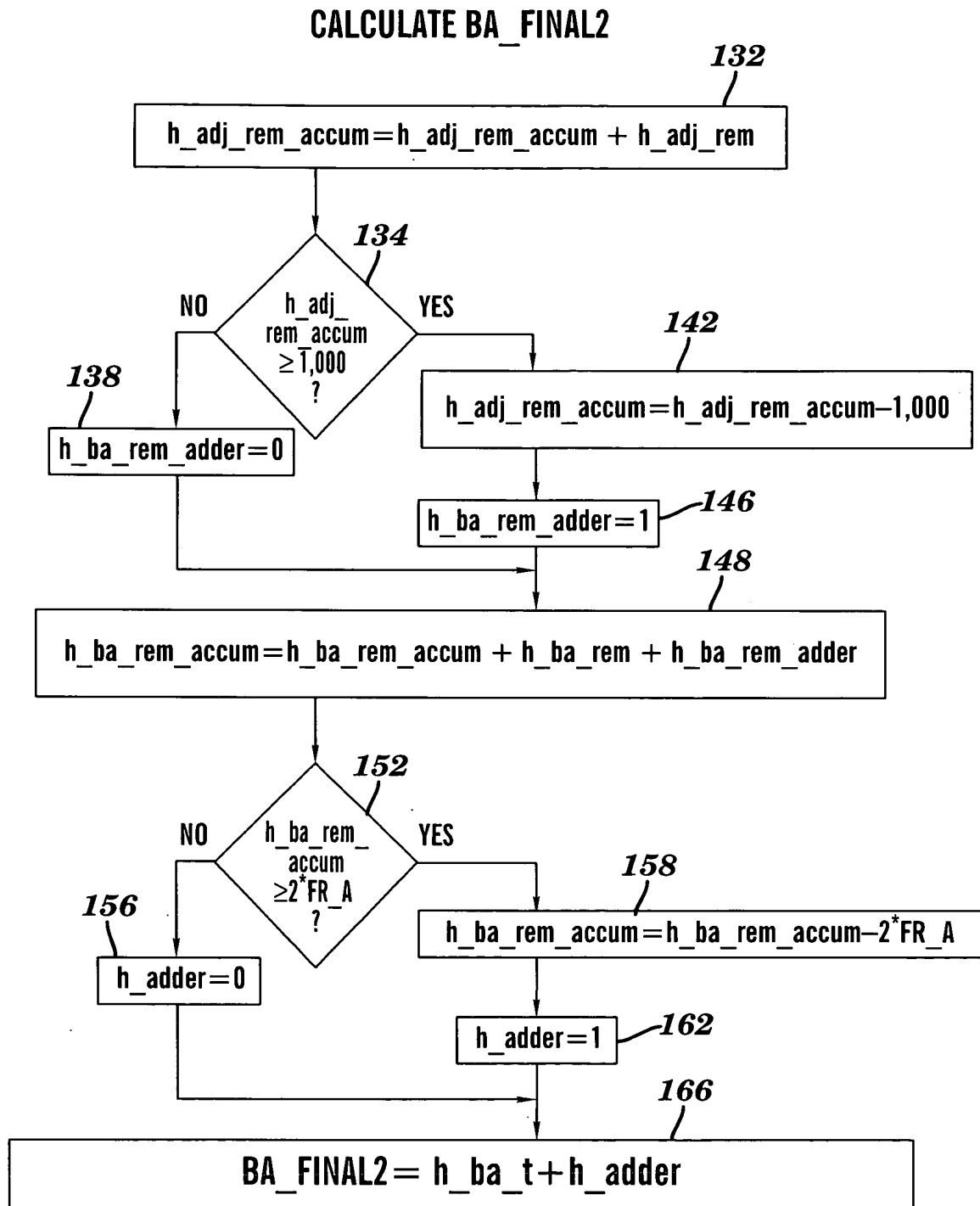


FIG. 3

EXAMPLE OF BA_FINAL1 CALCULATIONS. ALL VALUES SHOWN ARE AT THE END OF THE ITERATION. ITERATION 0 REPRESENTS THE INITIALIZATION BLOCK 10 OF FIG. 1.

Iteration	adj_rem_accum	ba_rem_adder	ba_rem_accum	e_adder	BA_FINAL1
0	0		0		
1	320	0	6	0	878
2	640	0	12	0	878
3	960	0	18	0	878
4	280	1	25	0	878
5	600	0	1	1	879
6	920	0	7	0	878
7	240	1	14	0	878
8	560	0	20	0	878
9	880	0	26	0	878
10	200	1	3	1	879
11	520	0	9	0	878

FIG. 4

EXAMPLE OF BA_FINAL2 CALCULATIONS. ALL VALUES SHOWN ARE AT THE END OF THE ITERATION. ITERATION 0 REPRESENTS THE INITIALIZATION BLOCK 10 OF FIG. 1. ONLY "YES" ITERATIONS ARE SHOWN.

Iteration	h_adj_rem_accum	h_ba_rem_adder	h_ba_rem_accum	h_adder	BA_FINAL2
0	0		0		
3	320	0	6	0	439
4	640	0	12	0	439
6	960	0	18	0	439
9	280	1	25	0	439
10	600	0	31	0	439
11	920	0	37	0	439
15	240	1	44	0	439
18	560	0	50	0	439
19	880	0	56	0	439
22	200	1	3	1	440
23	520	0	9	0	439

FIG. 5

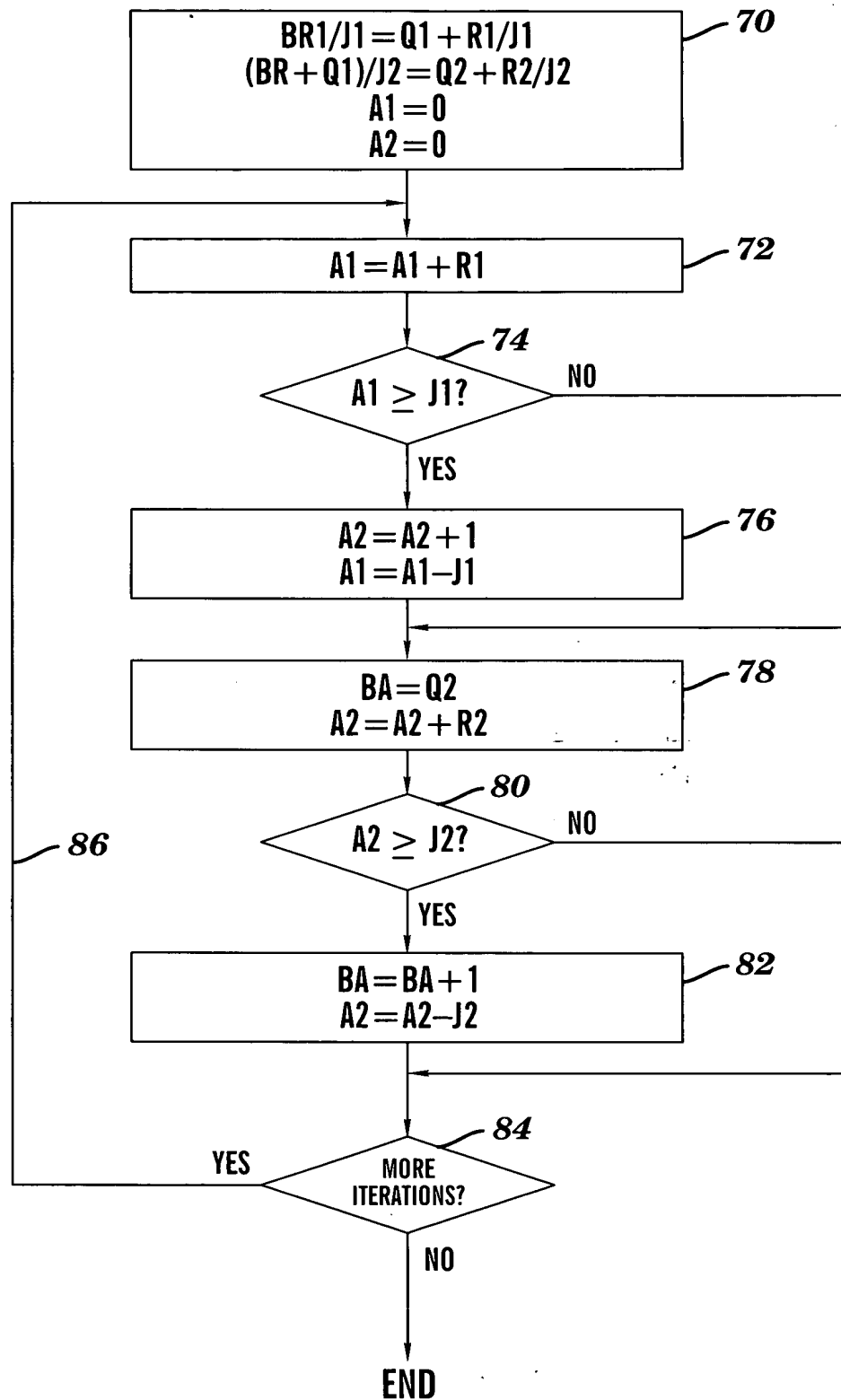
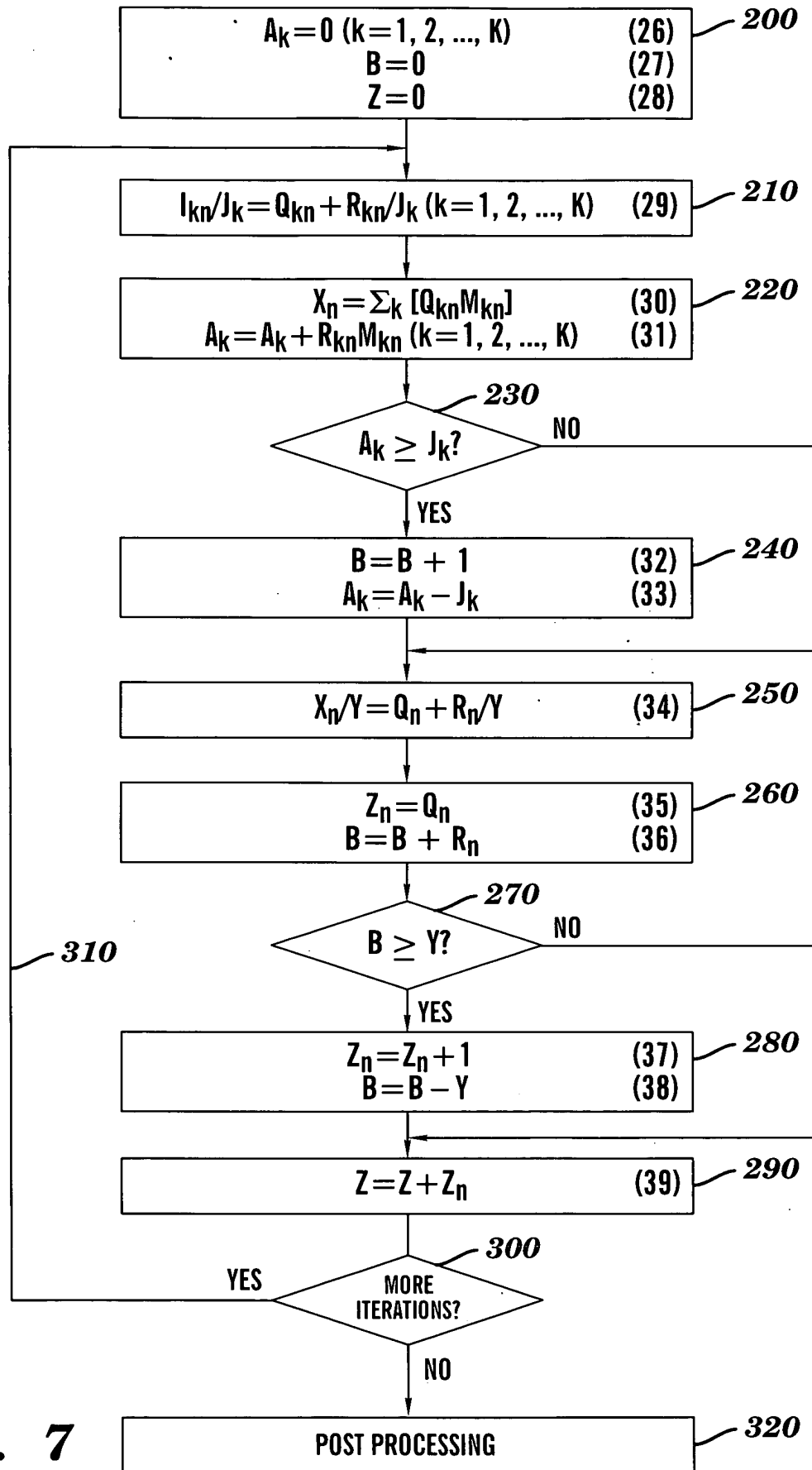


FIG. 6



EXAMPLE ILLUSTRATING THE ALGORITHM OF FIG. 7. NUMBERS FOLLOWED BY AN ASTERISK (*) DENOTE THAT THE ACCUMULATOR A_1 OR A_2 HAS REACHED OR EXCEEDED ITS MAXIMUM ALLOWED VALUE IN THE ITERATION, RESULTING IN INCREMENTING B BY 1. NUMBERS FOLLOWED BY A DOUBLE ASTERISK (**) DENOTE THAT THE ACCUMULATOR B HAS REACHED OR EXCEEDED ITS MAXIMUM ALLOWED VALUE IN THE ITERATION, RESULTING IN INCREMENTING Z_n BY 1.

Iter (n)	Q_{1n}	R_{1n}	A_1	Q_{2n}	R_{2n}	A_2	X_n	Q_n	R_n	B	Z_n	Z
0			0			0				0		0
1	5	1	3	10	2	2	25	4	1	1	4	4
2	5	1	6	10	2	0 *	25	4	1	3	4	8
3	5	1	9	10	2	2	25	4	1	4	4	12
4	5	1	2 *	10	2	0 *	25	4	1	1 **	5	17
5	5	1	5	10	2	2	25	4	1	2	4	21
Post Processing												21.50

FIG. 8

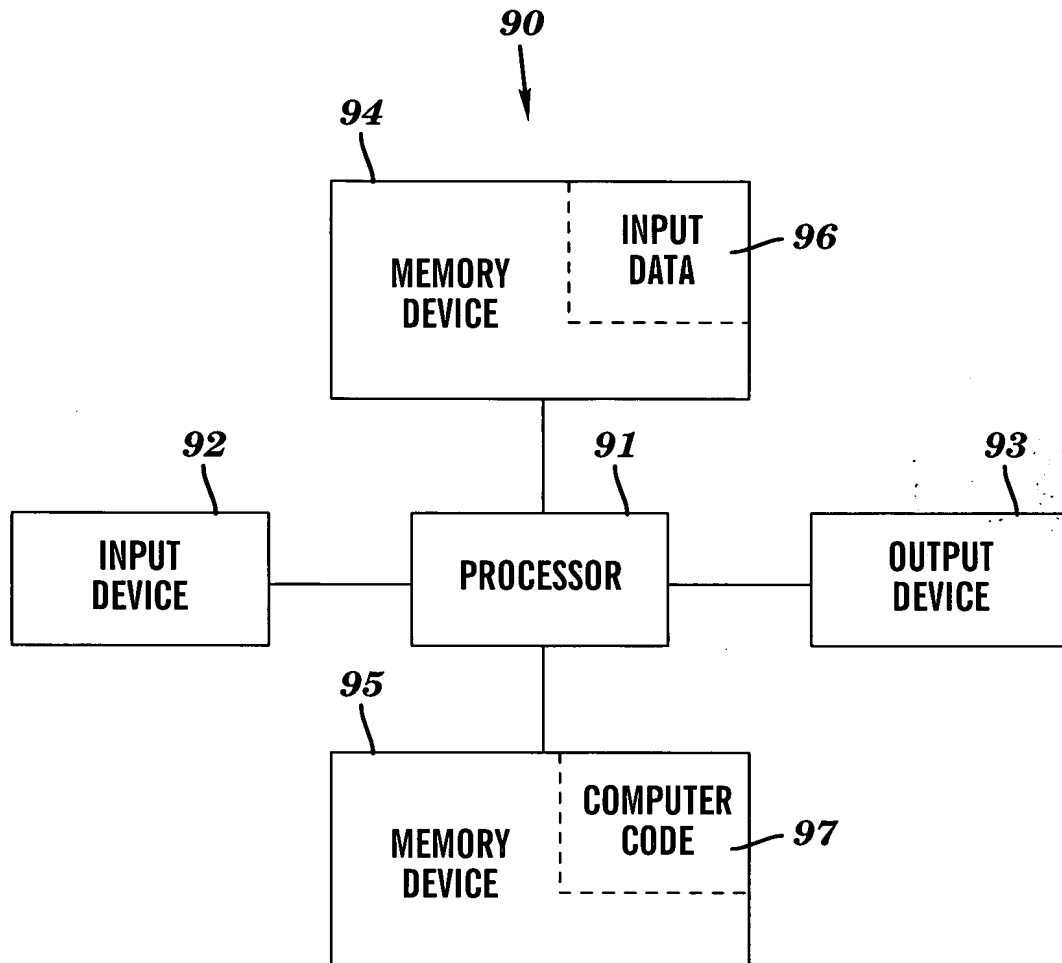


FIG. 9